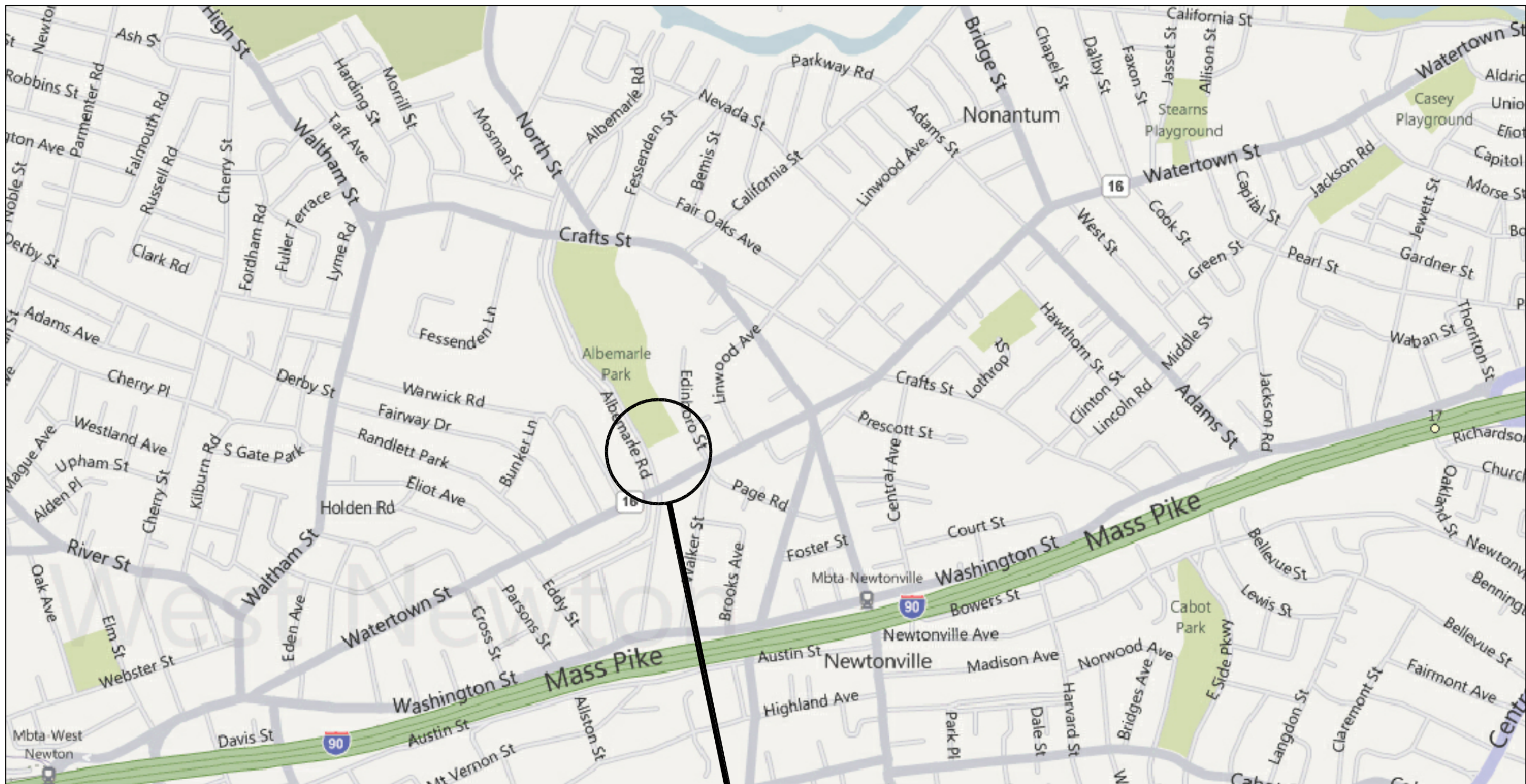


# HORACE MANN ELEMENTARY SCHOOL WINDOW REPLACEMENT

687 WATERTOWN STREET  
NEWTONVILLE, MA 02460

## LOCATION MAP



HORACE MANN ELEMENTARY SCHOOL  
687 WATERTOWN STREET  
NEWTONVILLE, MA 02460

BID DOCUMENTS  
MAY 17, 2012

## LIST OF DRAWINGS

- |      |                                  |
|------|----------------------------------|
| T1.0 | TITLE SHEET                      |
| D1.0 | EXTERIOR ELEVATIONS - DEMOLITION |
| A1.0 | EXTERIOR ELEVATIONS - NEW WORK   |
| A2.0 | WINDOW TYPES AND SECTIONS        |
| A2.1 | WINDOW DETAILS                   |

LEGEND & SYMBOLS

WINDOWS TO BE REMOVED

NEW WINDOWS

NOTE D#

DEMOLITION WORK NOTE TAG

NOTE #

WORK NOTE TAG

WINDOW ELEVATION TAG

C

A2.0

SECTION MARK

X

ELEVATION MARK

Stamp:

Drawing Name:

TITLE SHEET

Job No.:  
S116911-C

Date:  
5/17/2012

Drawing No.

T1.0

BID DOCUMENTS

KBAARCHITECTS

KNIGHT, BAGGE AND ANDERSON, INC.

6 THIRTEENTH STREET  
CHARLESTOWN, MA, 02129  
617-241-2807 (T)  
617-241-2857 (F)

Designed By: MMW

Drawn By: MMW

Checked By: DPB

REV	DATE	DESCRIPTION

Project North:

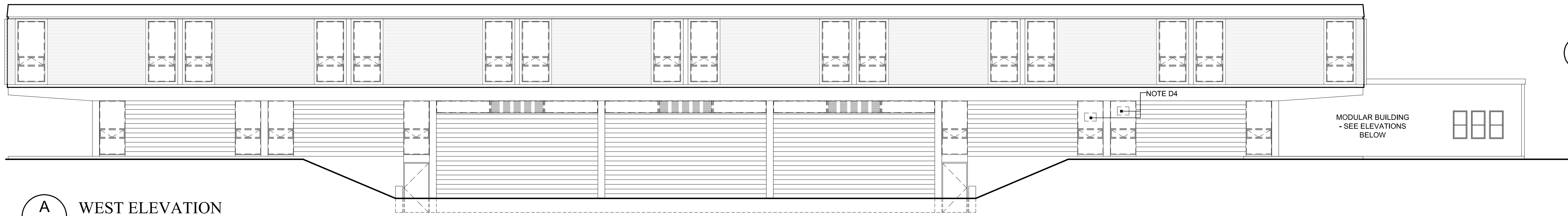
NORTH

Key Plan:

HORACE MANN ELEMENTARY SCHOOL  
WINDOW REPLACEMENT  
687 WATERTOWN STREET  
NEWTONVILLE, MA 02460



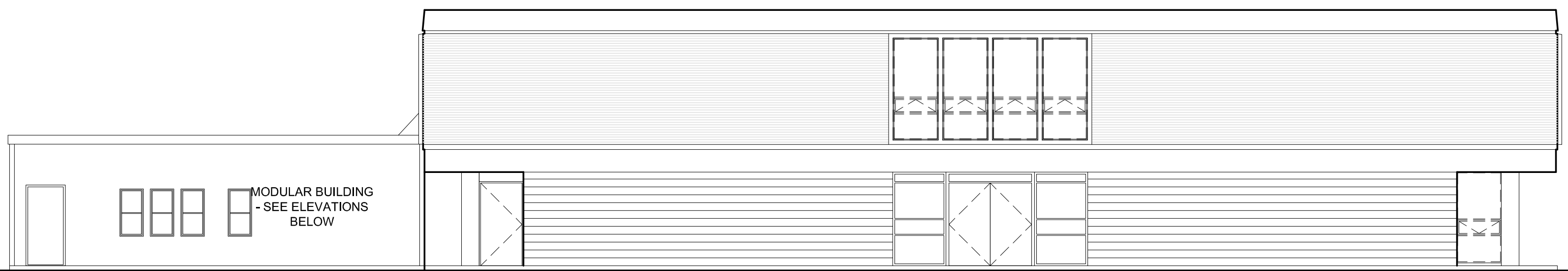
\\KBA\Projects\Newton On Call\S116911\DC-2011\S116911-C-Horace Mann School Windows\DWG\202 - CD01-Window Replacement\S116911-C-2-D1.dwg (D1.0) Plotted May 15, 2012 at 2:39pm by mwah



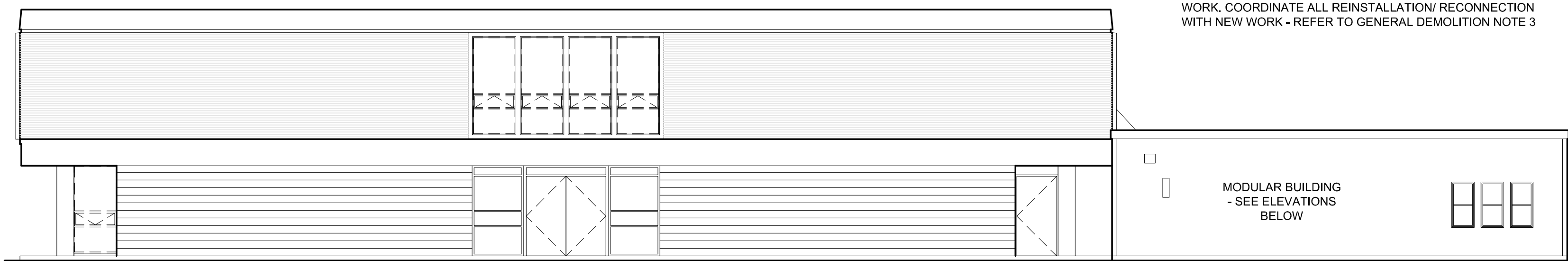
**A**  
**A1.0** WEST ELEVATION  
SCALE: 1/8"=1'-0"



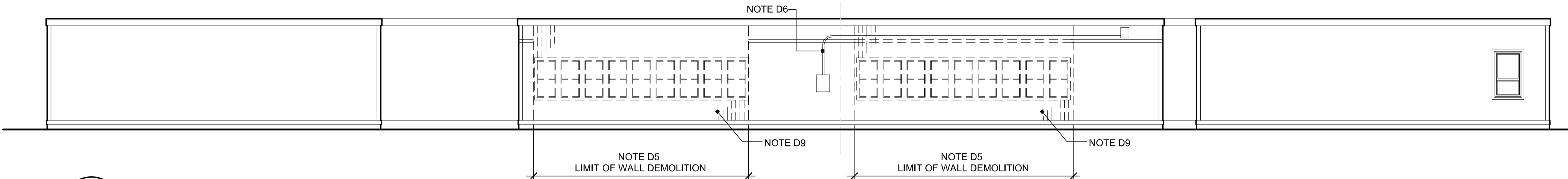
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**A1.0** EAST ELEVATION  
SCALE: 1/8"=1'-0"



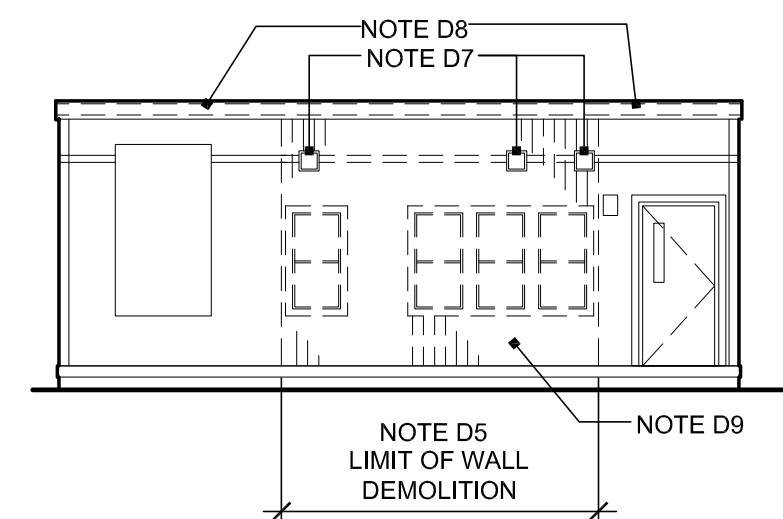
**C**  
**A1.0** NORTH ELEVATION  
SCALE: 1/8"=1'-0"



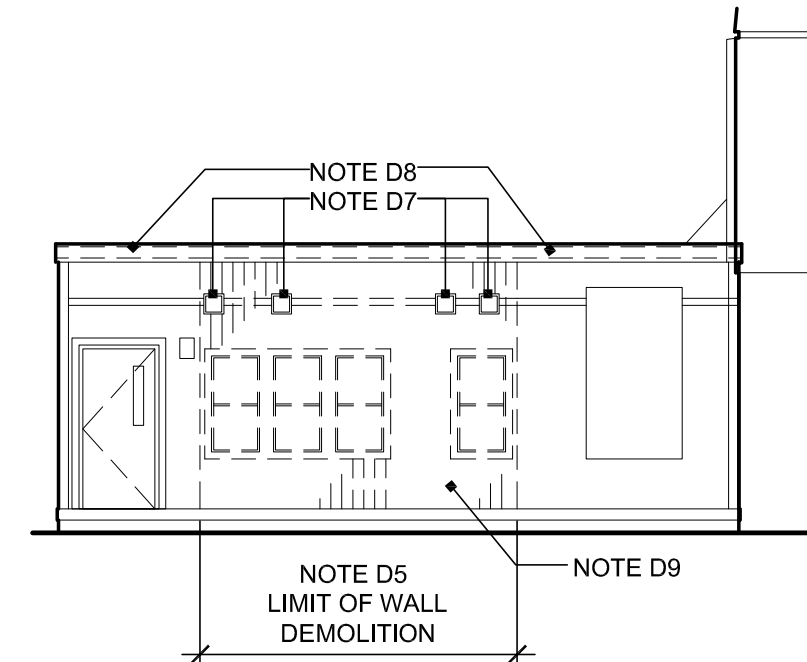
**D**  
**A1.0** SOUTH ELEVATION  
SCALE: 1/8"=1'-0"



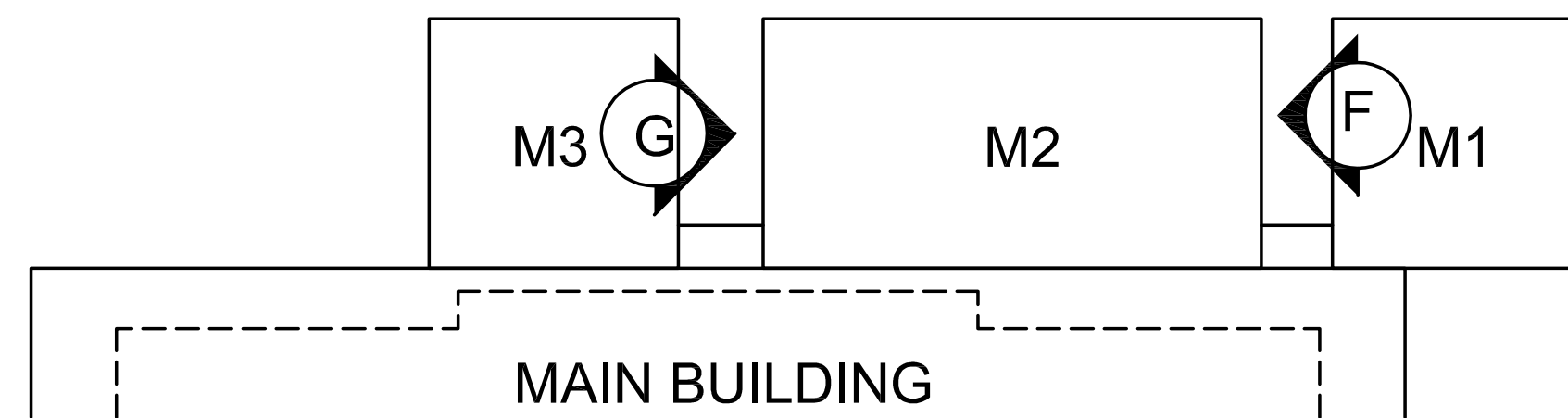
**E**  
**A1.0** MODULAR 1, 2 & 3 EAST ELEVATION  
SCALE: 1/8"=1'-0"



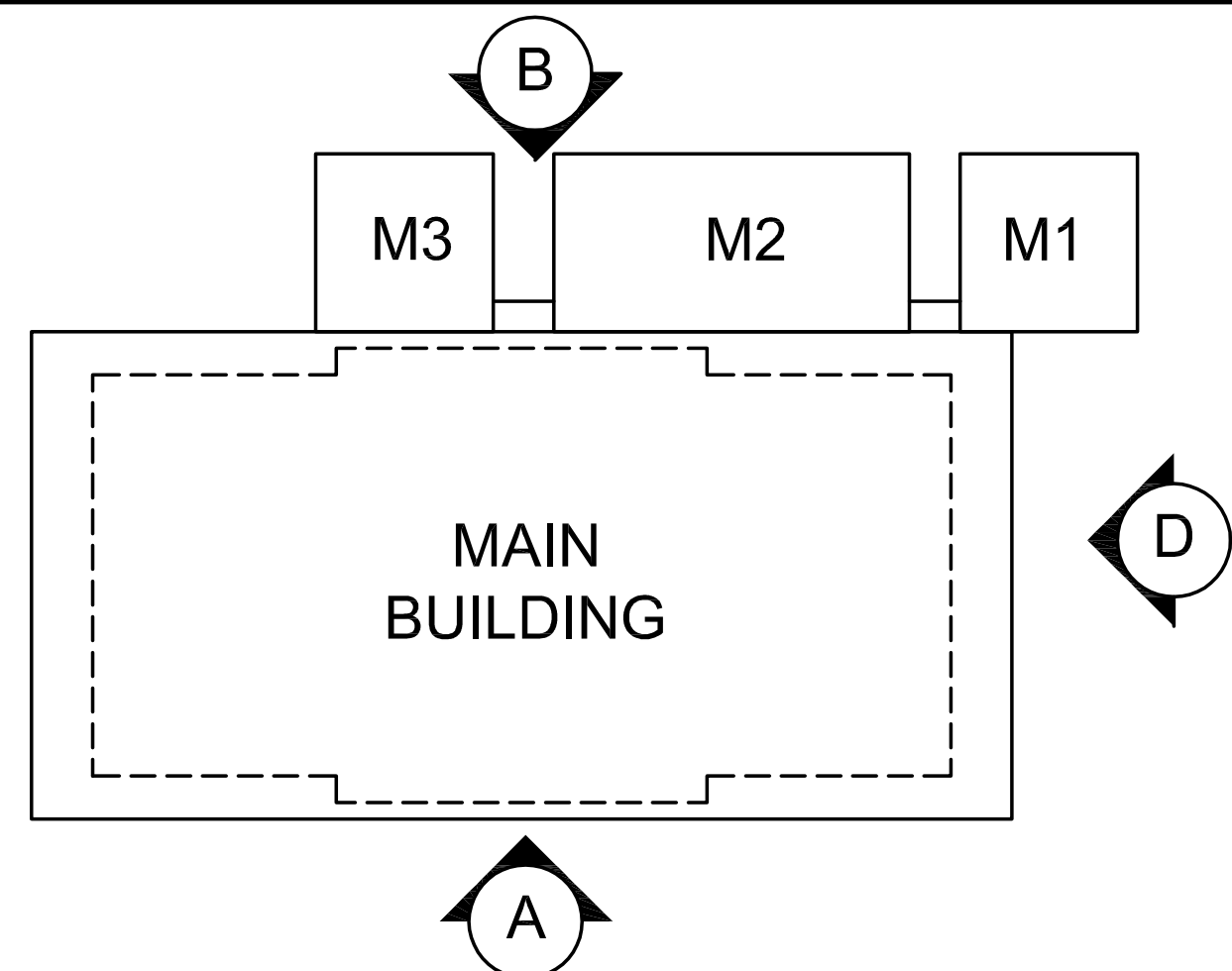
**F**  
**A1.0** MODULAR 2 SOUTH ELEVATION  
SCALE: 1/8"=1'-0"



**G**  
**A1.0** MODULAR 2 NORTH ELEVATION  
SCALE: 1/8"=1'-0"



**KEY PLAN - MODULAR BUILDINGS**  
SCALE: N.T.S.



**KEY PLAN - MAIN BUILDING**  
SCALE: N.T.S.

**DEMOLITION GENERAL NOTES:**

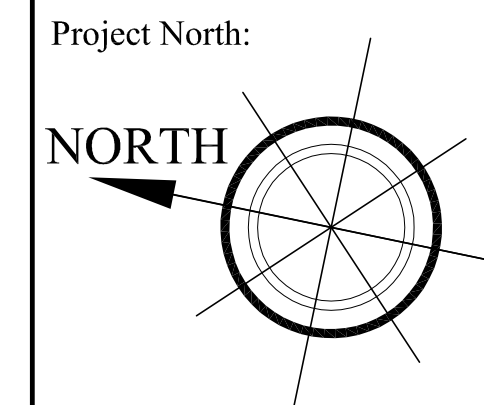
1. ALL DEMOLITION WORK SHALL INCLUDE ALL OF THE ITEMS LISTED BELOW AS WELL AS ANY STRUCTURE, FITTINGS, FINISHES, OR APPURTENANCES, WHICH IN ANY WAY MAY HINDER THE EXECUTION OF THE NEW WORK OR WOULD BE INCONSISTENT WITH THE NEW WORK AS OUTLINED. GENERAL CONTRACTOR SHALL COORDINATE PHASING OF DEMOLITION WITH PHASED CONSTRUCTION OF THE VARIOUS AREAS. REFER TO ENGINEERS DEMOLITION DRAWING FOR DEMOLITION PRESERVATION AND / OR STABILIZATION OF UTILITIES AND STRUCTURAL SYSTEMS. SHOULD THERE BE ANY DISCREPANCIES BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT FOR CLARIFICATION PRIOR TO EXECUTION OF WORK. THE GENERAL CONTRACTOR SHALL REVIEW DRAWINGS AND PLANS ACCORDINGLY FOR RESPONSE TO DISCREPANCIES IN A TIMELY MANNER.
2. ALL EXISTING FURNITURE, EQUIPMENT, AND INTERIOR FINISHES SHALL BE CAREFULLY PROTECTED DURING ALL DEMOLITION AND NEW WORK.
3. ALL ELECTRICAL WORK (DEMOLITION AND NEW) SHALL BE PERFORMED BY A MASSACHUSETTS LICENSED ELECTRICIAN AND IN ACCORDANCE TO ALL LOCAL ELECTRICAL CODES AND PROCEDURES.
4. REFER TO PROJECT MANUAL FOR ADDITIONAL RESPONSIBILITIES, REQUIRED SAFETY MEASURES, ETC.
5. PROVIDE TEMPORARY CONSTRUCTION/ SHORING WALLS ON INTERIOR OF MODULAR UNITS PRIOR TO ANY WORK BEING PERFORMED. PROVIDE ADEQUATE INTERIOR SPACE TO PERFORM WORK AND COVER/PROTECT ALL FINISHED FLOORING WITH POLY AND/OR TARPS WITHIN THE AREA OF WORK. COORDINATE LOCATION OF WALL WITH OWNER PRIOR TO ANY WALL ASSEMBLY.

**DEMOLITION WORK NOTES:**

- NOTE D1: DEMO AND REMOVE STEEL GRATING AND FASTENERS FROM CMU OPENING
- NOTE D2: DISCONNECT ALL MECHANICAL DUCTS AND EQUIPMENT FROM LOUVER PANELS AND LEAVE IN-PLACE; REMOVE ANY NON-FUNCTIONAL EQUIPMENT
- NOTE D3: DISCONNECT AND PROPERLY REMOVE MECHANICAL DAMPER
- NOTE D4: SALVAGE AND STORE A/C WINDOW UNIT FOR REINSTALLATION
- NOTE D5: DEMO AND REMOVE ENTIRE WALL FROM SILL PLATE TO TOP PLATE, INCLUDING ALL WINDOWS, TRIM, SIDING, SHEATHING, STUDS, INSULATION, GWB AND ASSOCIATED MATERIALS.
- NOTE D6: CAREFULLY DISCONNECT ELECTRICAL CONDUIT AND ASSOCIATED BLOCKING FROM EXTERIOR TRIM PRIOR TO ANY WALL DEMOLITION
- NOTE D7: SALVAGE AND STORE EXHAUST VENTS FOR REINSTALLATION
- NOTE D8: SALVAGE AND STORE MTL. GUTTERS & ASSOCIATED FASTENERS
- NOTE D9: DISCONNECT/ REMOVE ANY ELECTRICAL OUTLET, DEVICES AND ASSOCIATED WIRING WITHIN AREAS OF DEMOLITION WORK. COORDINATE ALL REINSTALLATION/ RECONNECTION WITH NEW WORK - REFER TO GENERAL DEMOLITION NOTE 3

Designed By: MMW  
Drawn By: MMW  
Checked By: DPB

REV	DATE	DESCRIPTION



Key Plan:

**HORACE MANN ELEMENTARY SCHOOL  
WINDOW REPLACEMENT**  
687 WATERTOWN STREET  
NEWTONVILLE, MA 02460

Stamp:

Drawing Name:

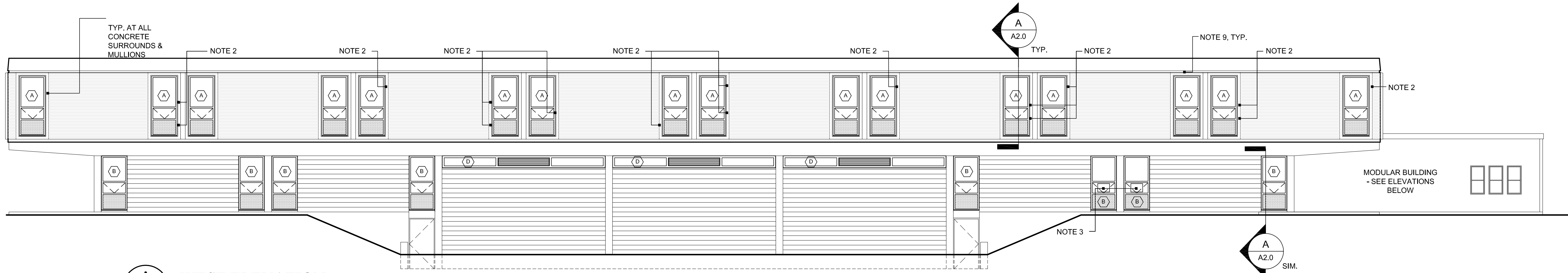
**EXTERIOR  
ELEVATIONS  
DEMOLITION**

Job No.:  
S116911-C  
Date:  
5/17/2012

Drawing No.  
**D1.0**

BID DOCUMENTS

J:\KBA Projects\Newton On Call\S116911.DOC 2011\15116911-C Horace Mann School Windows\DWG\02 - CD01-Window Replacements\15116911-C\_A1.0.dwg (A1.0) Plotted May 15, 2012 at 2:59pm by mwash



**A**  
**A1.0** WEST ELEVATION  
SCALE: 1/8"=1'-0"

**KEY PLAN - MAIN BUILDING**  
SCALE: N.T.S.

**GENERAL NOTES:**

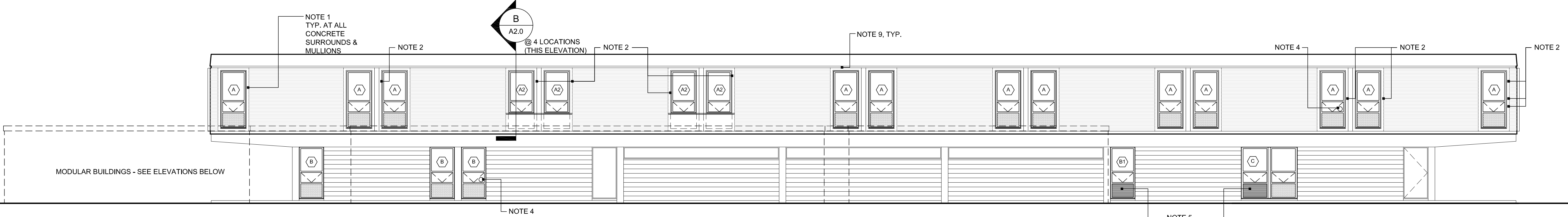
1. ALL EXISTING FURNITURE, EQUIPMENT, AND INTERIOR FINISHES SHALL BE CAREFULLY PROTECTED DURING ALL DEMOLITION AND NEW WORK.
2. ALL ELECTRICAL WORK (DEMOLITION AND NEW) SHALL BE PERFORMED BY A MASSACHUSETTS LICENSED ELECTRICIAN AND IN ACCORDANCE TO ALL LOCAL ELECTRICAL CODES AND PROCEDURES.
3. REFER TO PROJECT MANUAL FOR ADDITIONAL RESPONSIBILITIES, REQUIRED SAFETY MEASURES, ETC.
4. PROVIDE TEMPORARY CONSTRUCTION/ SHORING WALLS ON INTERIOR OF MODULAR UNITS PRIOR TO ANY WORK BEING PERFORMED. PROVIDE ADEQUATE INTERIOR SPACE TO PERFORM WORK AND COVER/PROTECT ALL FINISHED FLOORING WITH POLY AND/OR TARPS WITHIN THE AREA OF WORK. COORDINATE LOCATION OF WALL WITH OWNER PRIOR TO ANY WALL ASSEMBLY.

**LEGEND:**

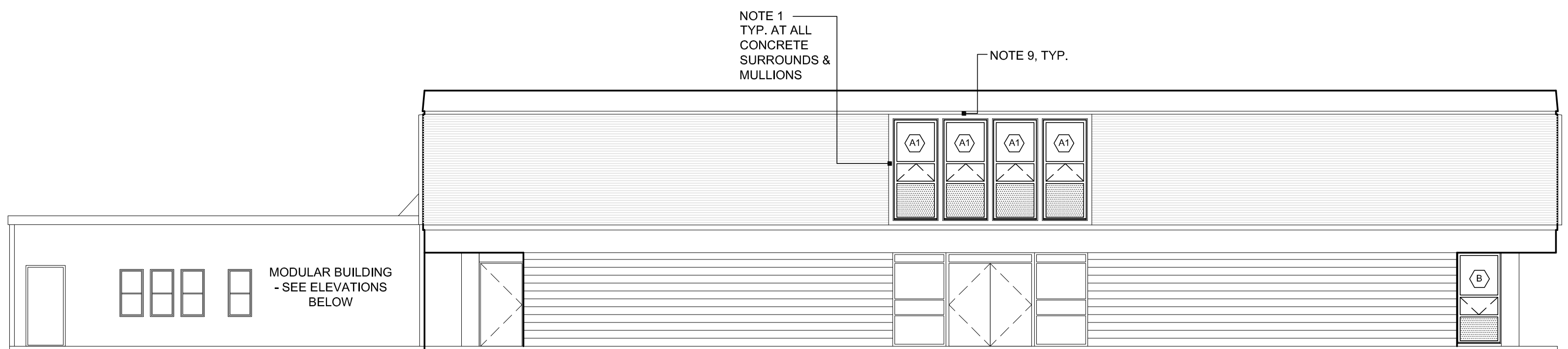
- (X) WINDOW ELEVATION TAG - REFER TO A2.0 FOR WINDOWS TYPES AND ELEVATIONS

**NEW WORK NOTES:**

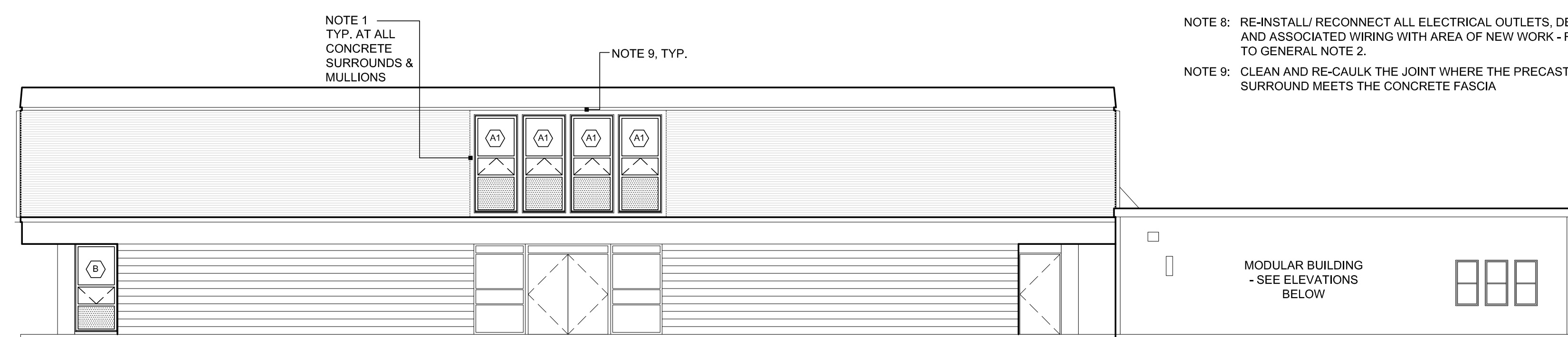
- NOTE 1: POWER WASH AND SEAL CONCRETE SURROUND @ EACH WINDOW OPENING PRIOR TO NEW WINDOW INSTALLATION.
- NOTE 2: PATCH/ REPAIR AND SEAL CRACKS ON CONCRETE EXTERIOR WINDOW SURROUND/ MULLION. CONTINUE REPAIR WHERE CRACKS FOLLOW INTO THE BUILDING INTERIOR.
- NOTE 3: REINSTALL EXISTING A/C UNITS AT THIS LOCATION
- NOTE 4: COORDINATE WITH OWNER FOR MOBILE A/C UNIT LOCATION(S).
- NOTE 5: RECONNECT ALL MECHANICAL DUCTS AND EQUIPMENT TO LOUVERED PANELS ONCE UNIT INSTALLATION IS COMPLETE.
- NOTE 6: RE-ATTACH ELECTRICAL CONDUIT AND BLOCKING TO NEW TRIM
- NOTE 7: RE-INSTALL EXHAUST VENTS
- NOTE 8: RE-INSTALL/ RECONNECT ALL ELECTRICAL OUTLETS, DEVICES AND ASSOCIATED WIRING WITH AREA OF NEW WORK - REFER TO GENERAL NOTE 2
- NOTE 9: CLEAN AND RE-CAULK THE JOINT WHERE THE PRECAST SURROUND MEETS THE CONCRETE FASCIA



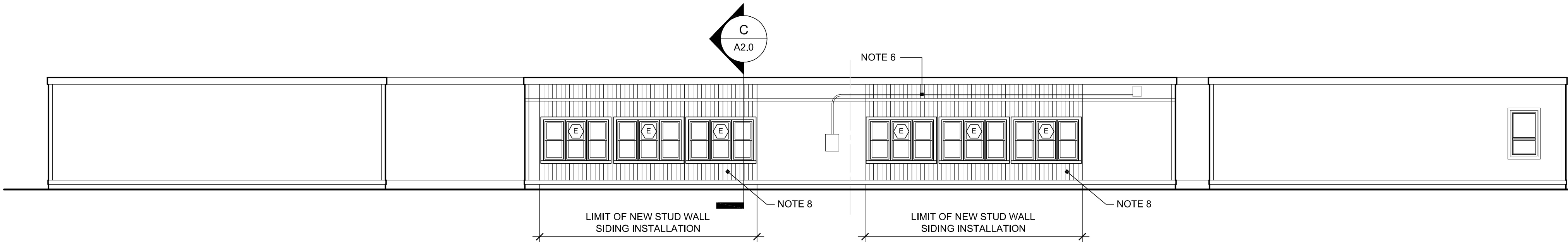
**B**  
**A1.0** EAST ELEVATION  
SCALE: 1/8"=1'-0"



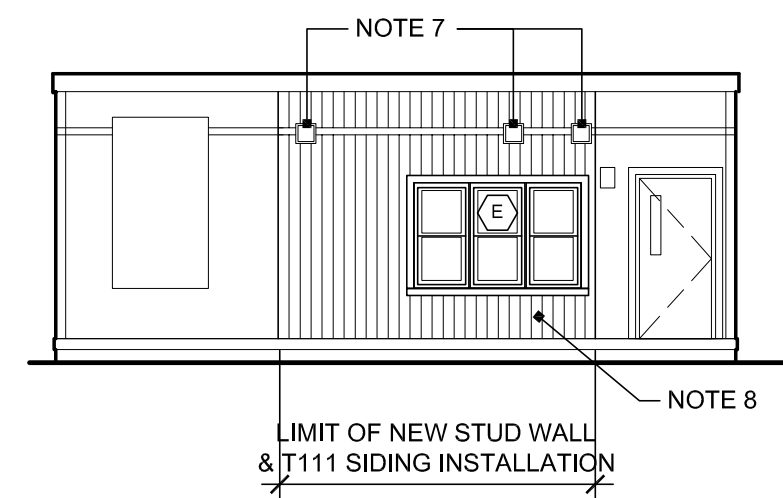
**C**  
**A1.0** NORTH ELEVATION  
SCALE: 1/8"=1'-0"



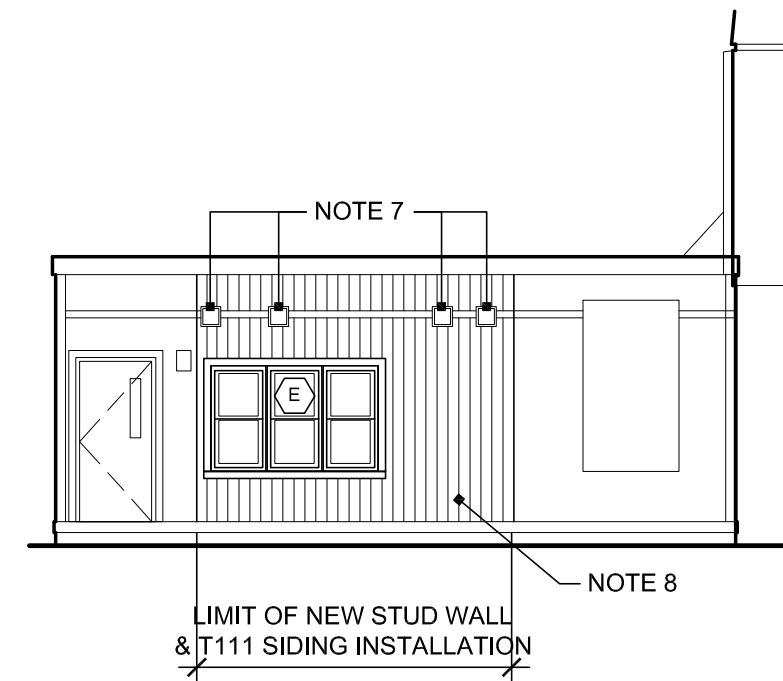
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**A1.0** SOUTH ELEVATION  
SCALE: 1/8"=1'-0"



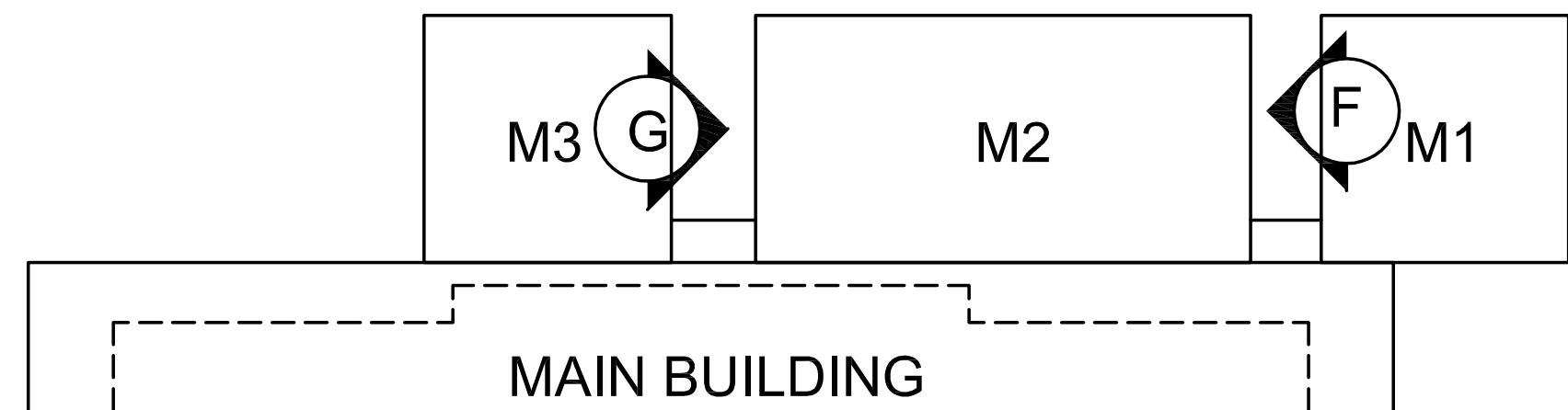
**E**  
**A1.0** MODULAR 1, 2 & 3 EAST ELEVATION  
SCALE: 1/8"=1'-0"



**F**  
**A1.0** MODULAR 2 SOUTH ELEVATION  
SCALE: 1/8"=1'-0"



**G**  
**A1.0** MODULAR 2 NORTH ELEVATION  
SCALE: 1/8"=1'-0"



**KEY PLAN - MODULAR BUILDINGS**  
SCALE: N.T.S.

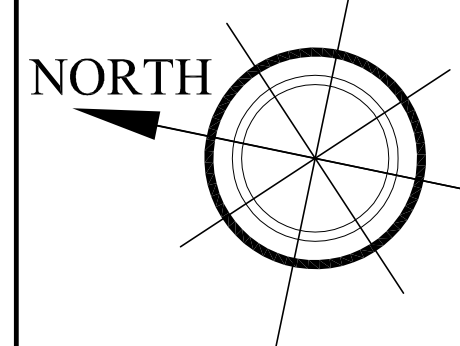
Designed By: MMW

Drawn By: MMW

Checked By: DPB

REV	DATE	DESCRIPTION

Project North:



Key Plan:

**HORACE MANN ELEMENTARY SCHOOL  
WINDOW REPLACEMENT**  
687 WATERTOWN STREET  
NEWTONVILLE, MA 02460

Stamp:

Drawing Name:

**EXTERIOR  
ELEVATIONS**

Job No.:

S116911-C

Date:

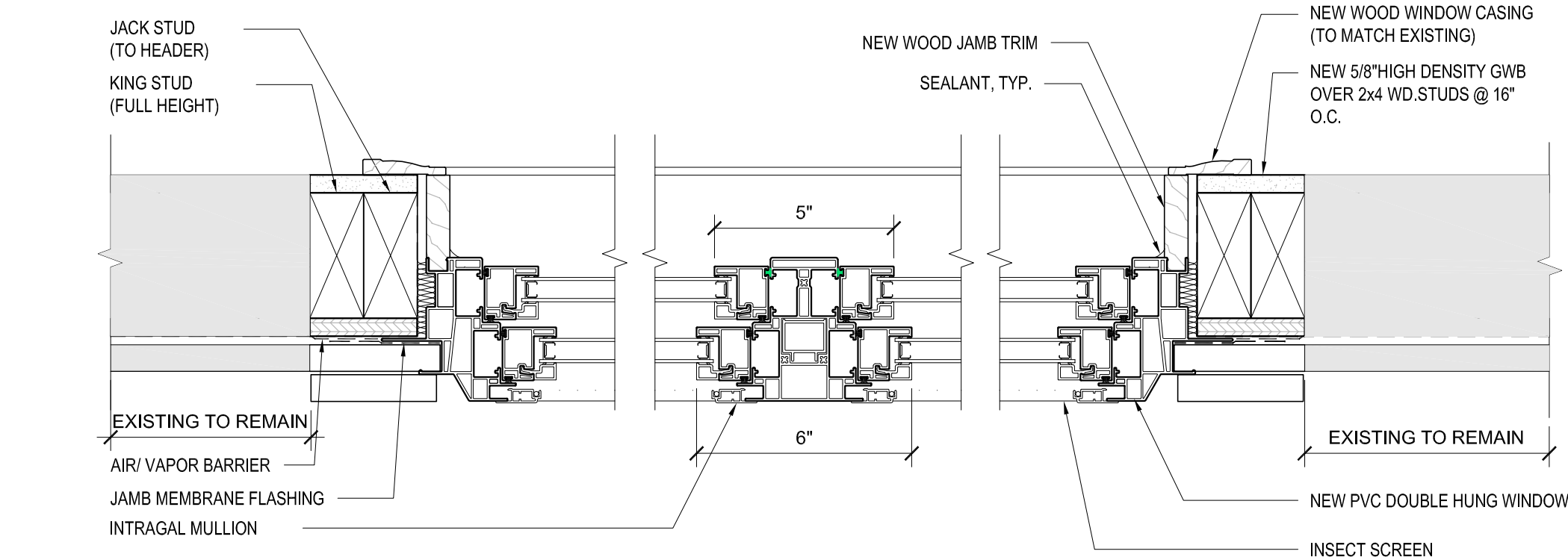
5/17/2012

Drawing No.

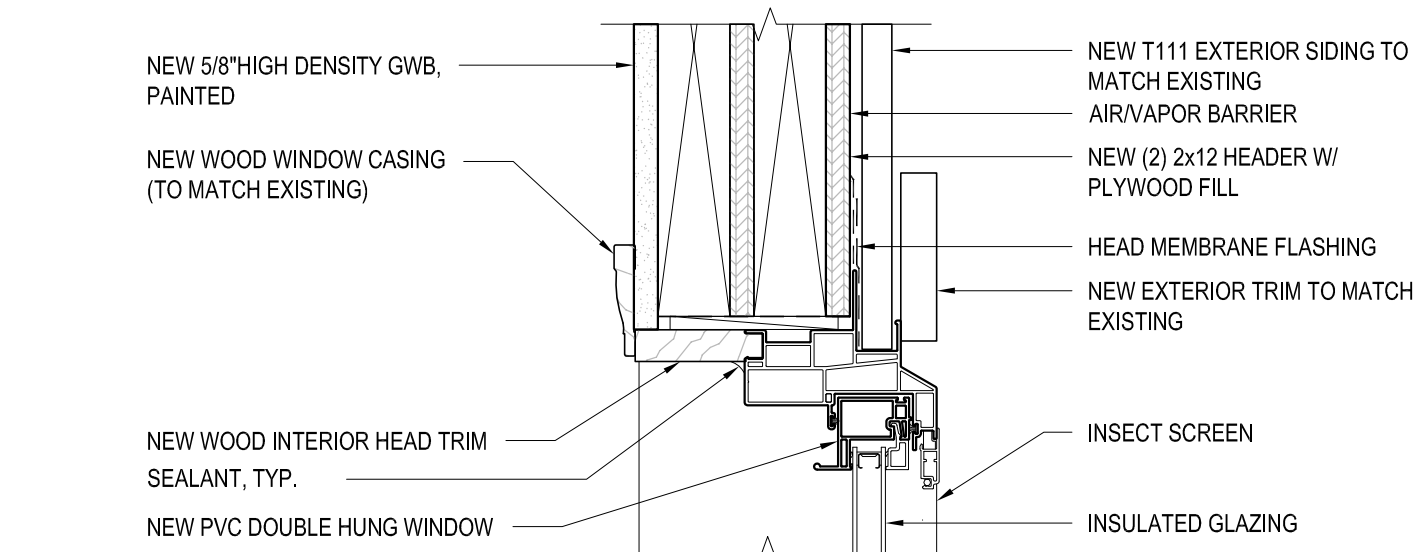
**A1.0**

BID DOCUMENTS

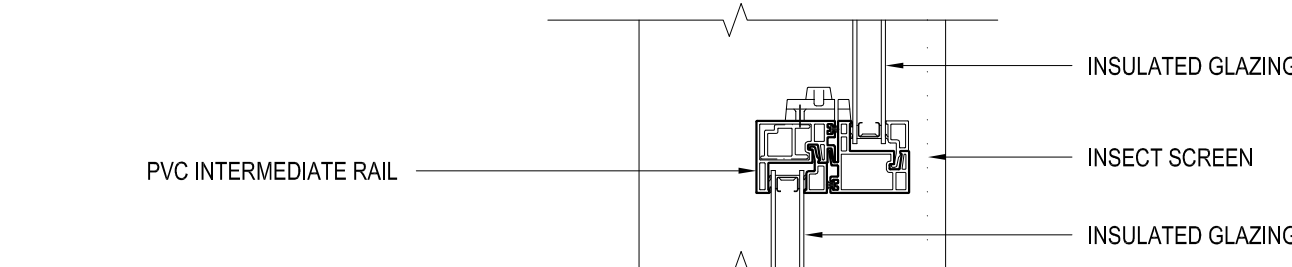




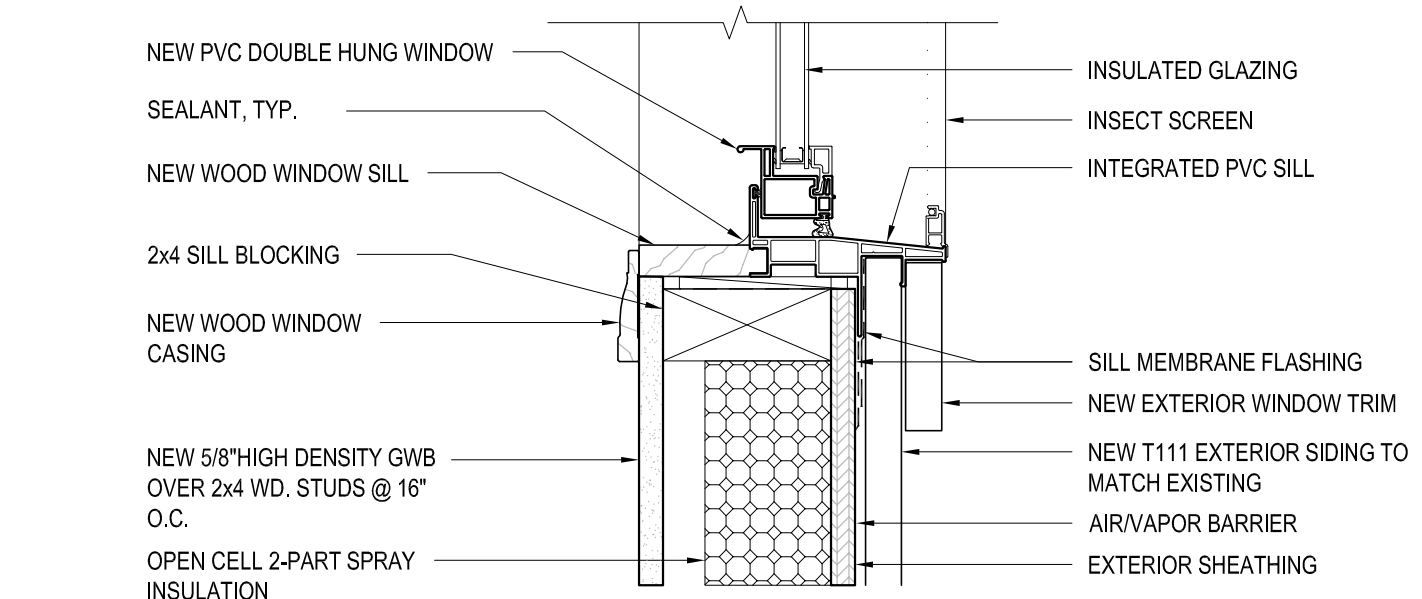
**G**  
**A2.0** JAMB DETAIL - PVC WINDOWS  
SCALE: 3/4"=1'-0"



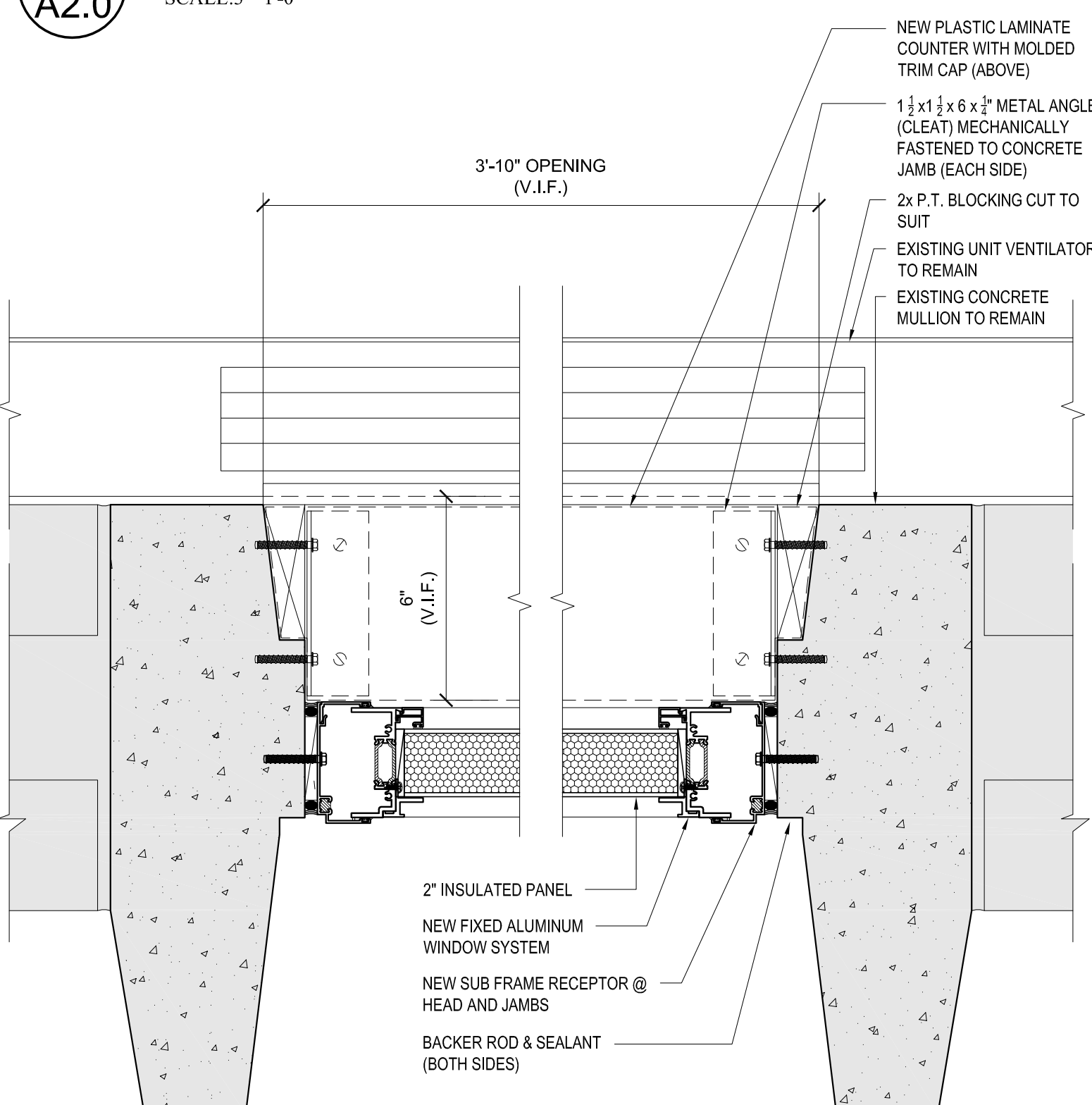
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**A2.0** HEAD DETAIL - PVC WINDOWS  
SCALE: 3/4"=1'-0"



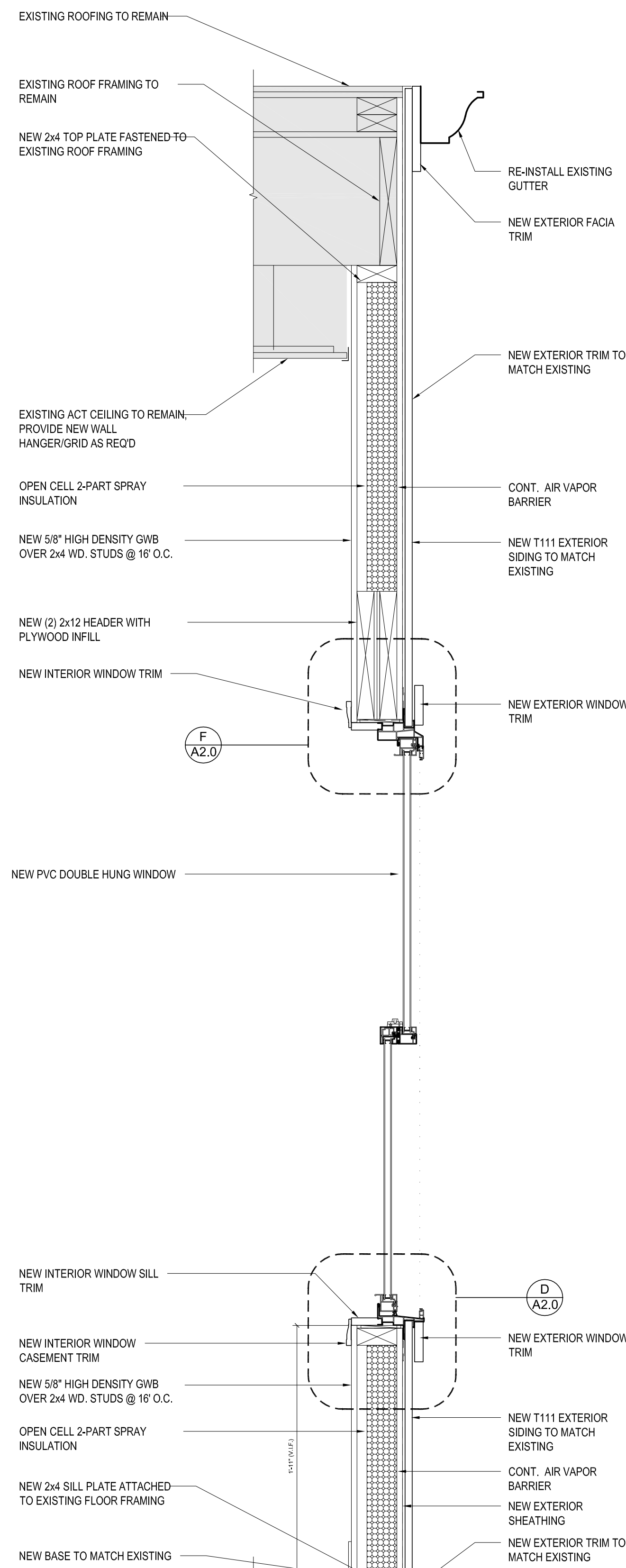
**E**  
**A2.0** HORIZONTAL MULLION DETAIL - PVC WINDOWS  
SCALE: 3/4"=1'-0"



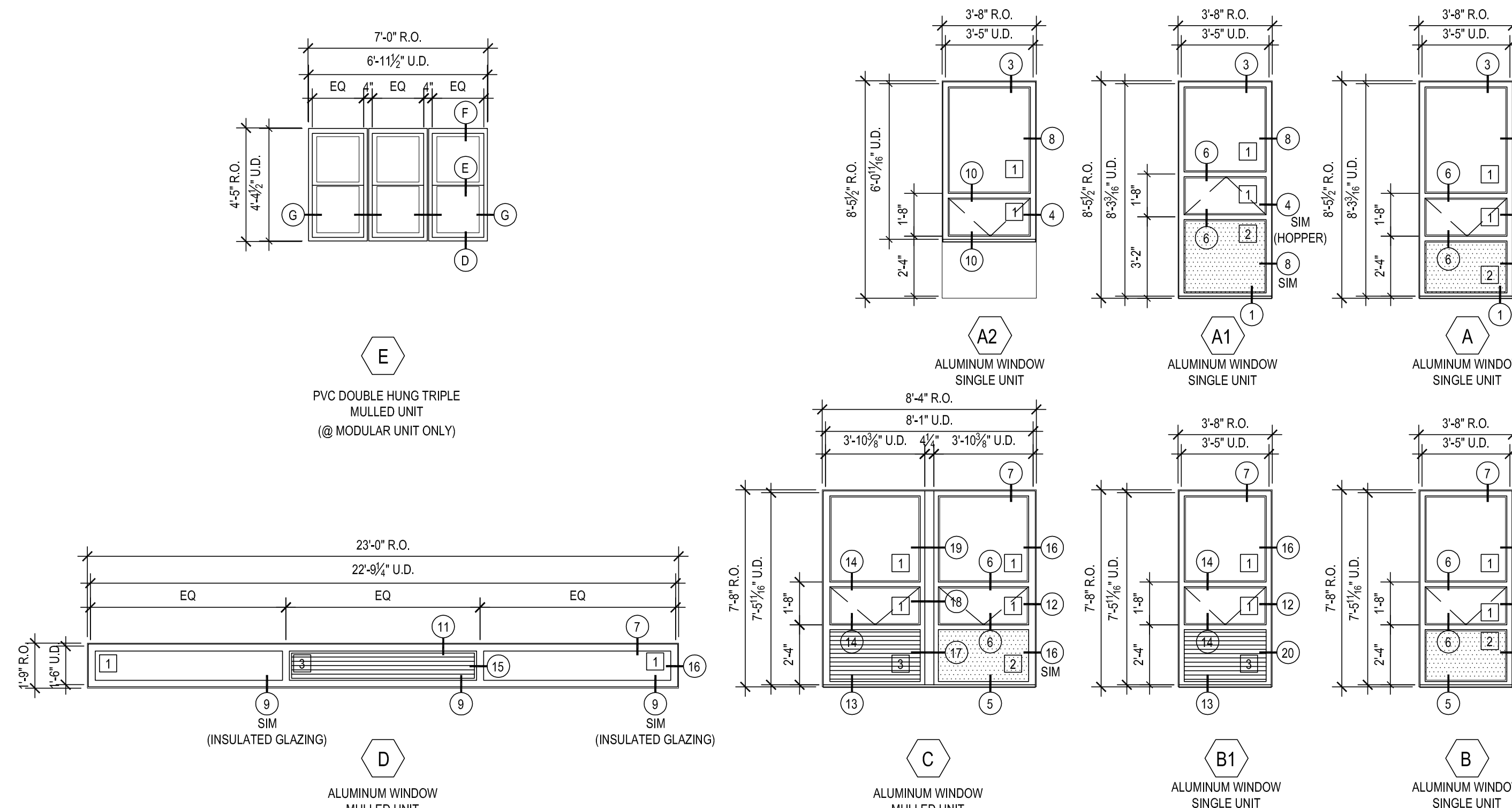
**D**  
**A2.0** SILL DETAIL - PVC WINDOWS  
SCALE: 3/4"=1'-0"



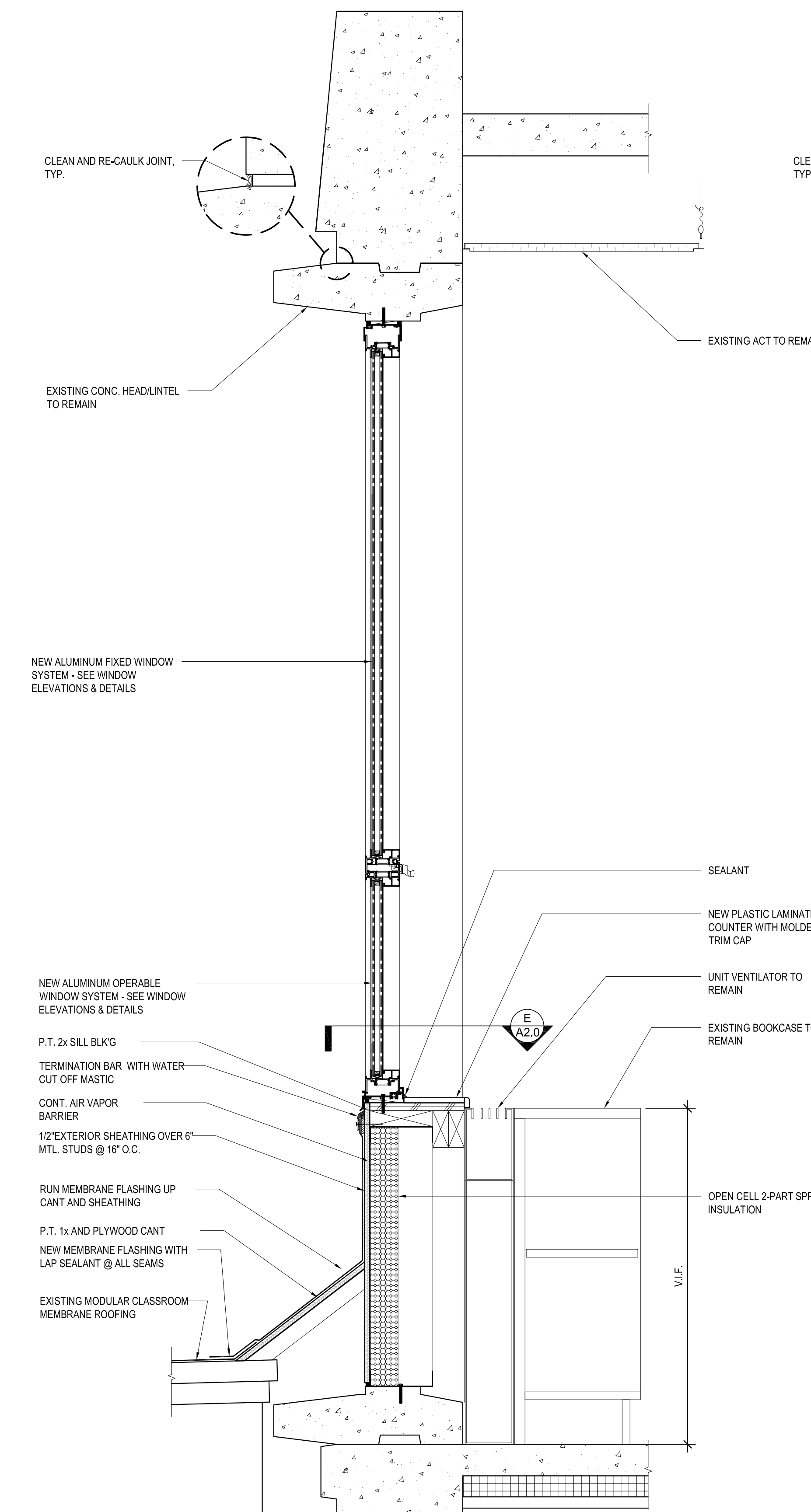
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**A2.0** PLAN DETAIL - PLAM COUNTERTOP INFILL  
SCALE: 3/4"=1'-0"



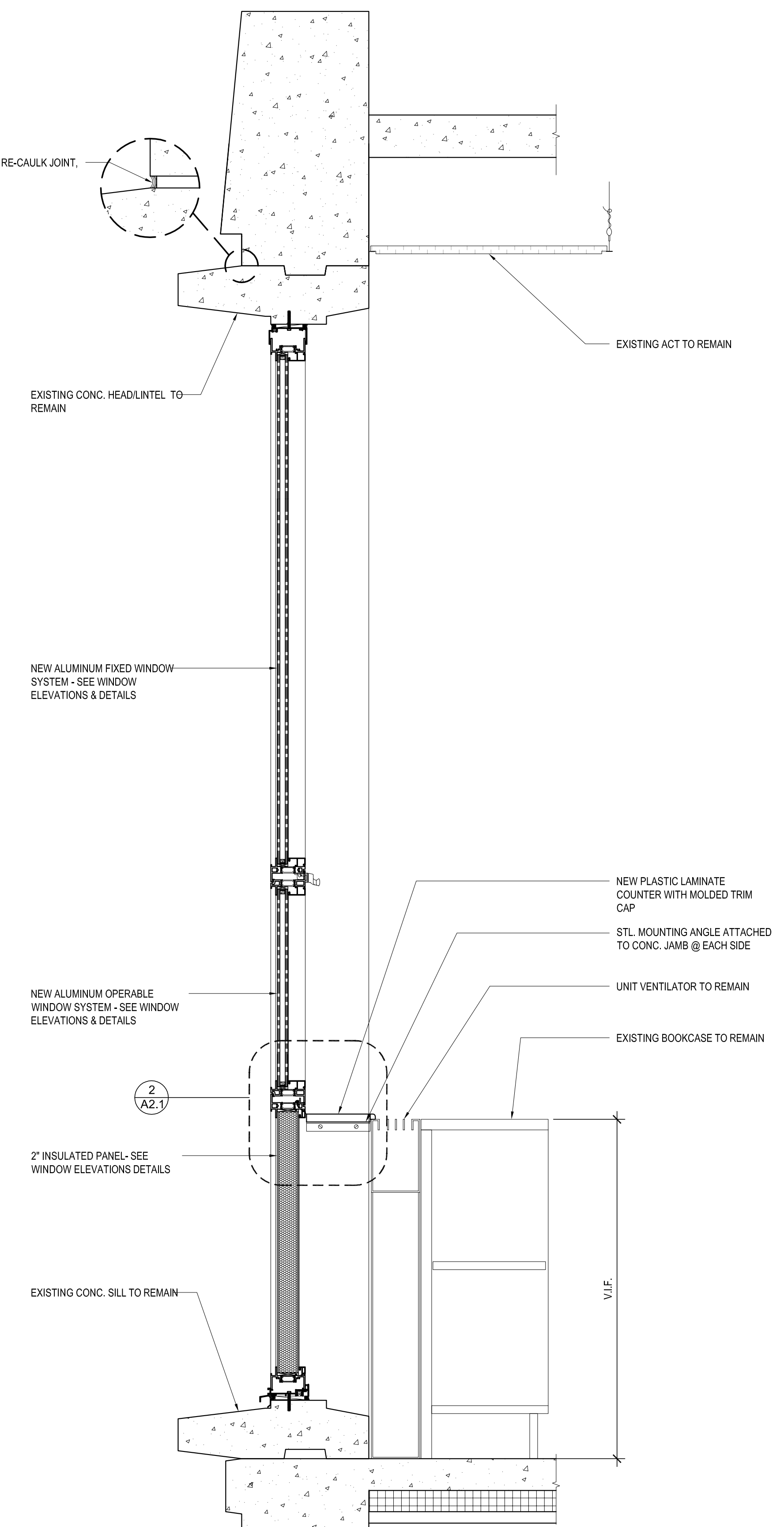
**C**  
**A2.0** HORIZONTAL DETAIL  
SCALE: 1/2"=1'-0"



**WINDOW ELEVATIONS**  
SCALE: 1/4"=1'-0" REFER TO WINDOW DETAILS ON A2.1



**B**  
**A2.0** HORIZONTAL DETAIL  
SCALE: 1/2"=1'-0"



**A**  
**A2.0** HORIZONTAL DETAIL  
SCALE: 1/2"=1'-0"

## GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND WALL CONDITIONS AT THE SITE PRIOR TO FABRICATION OF NEW WINDOWS.
2. REMOVE ALL EXISTING WINDOW DRAPES, TRACKS, CURTAINS AND ASSOCIATED HARDWARE AND REINSTALL AFTER COMPLETION OF NEW WINDOW INSTALLATION.
3. REMOVE ALL EXISTING CAULKING AND CLEAN MASONRY AT JAMBS, HEAD AND SILL OF ALL EXISTING WINDOW OPENINGS AND AREAS OF NEW WORK.
4. ALL EXISTING FURNITURE, EQUIPMENT, AND INTERIOR FINISHES SHALL BE CAREFULLY PROTECTED DURING ALL DEMOLITION AND NEW WORK.
5. ALL ELECTRICAL WORK (DEMOLITION AND NEW) SHALL BE PERFORMED BY A MASSACHUSETTS LICENSED ELECTRICIAN AND IN ACCORDANCE TO ALL LOCAL ELECTRICAL CODES AND PROCEDURES.
6. REFER TO PROJECT MANUAL FOR ADDITIONAL RESPONSIBILITIES, REQUIRED SAFETY MEASURES, ETC.

## LEGEND

- X** NEW WINDOW TYPES
- #** FRAMING DETAIL - REFER TO DRAWINGS A2.0 FOR ALL WINDOW DETAILS
- #** GLAZING TYPE

## GLAZING SCHEDULE

- (REFER TO SPECIFICATIONS FOR GLAZING ASSEMBLIES)
- 1** 1" CLEAR ANNEALED INSULATED GLAZING UNIT
- 2** 1" DOUBLE FACED INSULATED PANEL
- 3** WEATHER TIGHT LOUVER

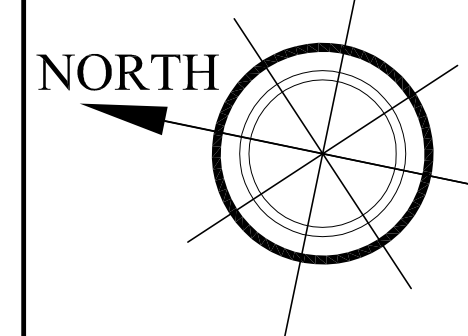
Designed By: MMW

Drawn By: MMW

Checked By: DPB

REV	DATE	DESCRIPTION

Project North:



Key Plan:

**HORACE MANN ELEMENTARY SCHOOL**  
**WINDOW REPLACEMENT**  
687 WATERTOWN STREET  
NEWTONVILLE, MA 02460

Stamp:

Drawing Name:

**WINDOW**  
**TYPES & SECTIONS**

Job No.:

S116911-C

Date:

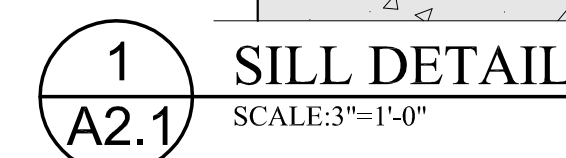
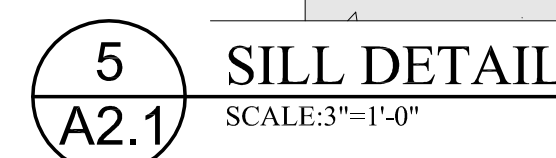
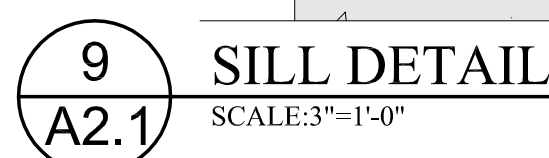
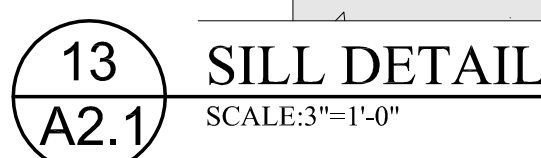
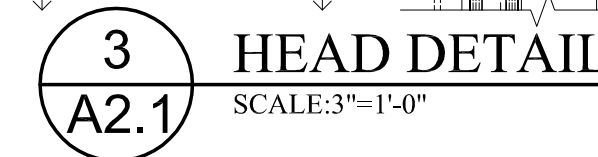
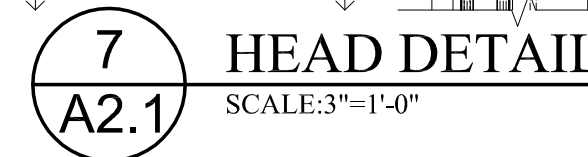
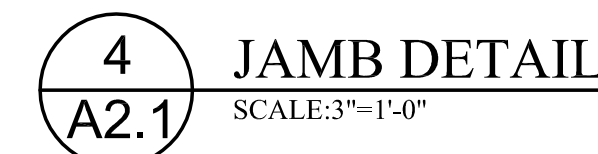
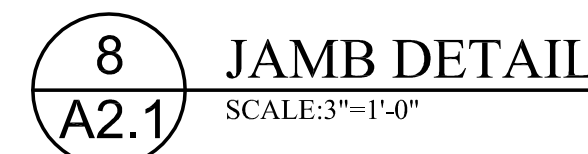
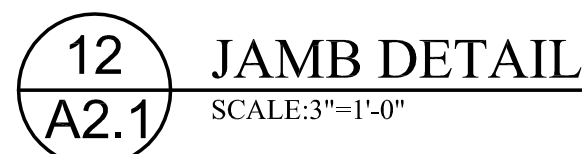
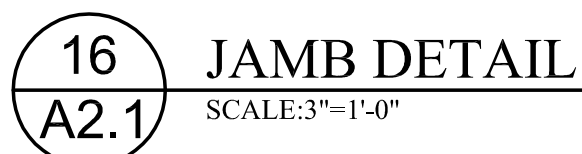
5/17/2012

Drawing No.

**A2.0**

BID DOCUMENTS





BID DOCUMENTS